

Converting Colors

XYZ(34.1767, 27.4198, 38.6525)

Have a look what the booklet for
XYZ(34.1767, 27.4198, 38.6525)
contains.

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Color

**XYZ(34.0335, 27.2854,
38.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7BA4
RGB	186, 123, 164
RGB Percent	73%, 48%, 64%
CMY	0.2706, 0.5176, 0.3569
CMYK	0.00, 0.34, 0.12, 0.27
HSL	321°, 31%, 61%
HSV	321°, 34%, 73%
XYZ	34.0335, 27.2854, 38.5948
YIQ	146.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

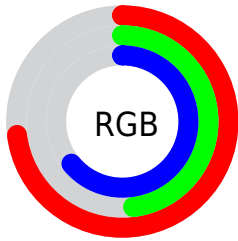
Format	Color
R _Y B	186, 123, 164
Decimal	12221348
CIE Lab	59.24, 30.75, -11.82
CIE LCh	59, 32.947, 338.972
Yxy	27.2854, 0.3406, 0.2731
Android (android.graphics.Color)	4290411428 (0xFFBA7BA4)
YUV	146.5110, 8.6221, 34.6319
Hunter-Lab	52.2354, 24.8880, -7.2424

Details

The XYZ color **34.0335, 27.2854, 38.5948** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.8393, 41.3739, 33.1505**, and the grayscale version is **27.4908, 28.9225, 31.4966**.

A 20% lighter version of the original color is **65.2737, 55.2198, 74.2360**, and **14.8229, 10.8405, 16.6404** is the 20% darker color. If you saturate the color by 10%, you get **31.3700, 22.8731, 34.8864**, and if you desaturate by 10%, it is **37.1669, 32.5889, 42.6083**.

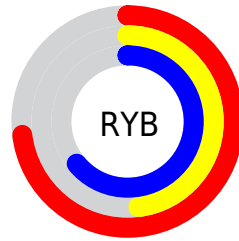
Distribution



Red (73%)

Green (48%)

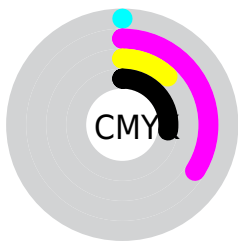
Blue (64%)



Red (73%)

Yellow (48%)

Blue (64%)

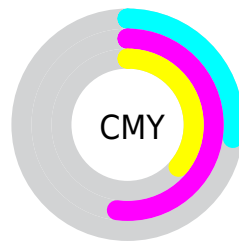


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0335, 27.2854, 38.5948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.0335, 27.2854, 38.5948 by changing the saturation by 10% instead.


 34.0335, 27.2854,
38.5948


 34.0335, 27.2854,
38.5948

311.8647,
289.0363, 355.5391


 23.0823, 17.7877,
26.1392


 65.3297, 55.3415,
74.2324

 14.7754, 10.7977,
16.7011


 86.4055, 74.6687,
98.2515

 8.7472, 5.9309,
9.8619

 111.5868, 98.0411,
126.9623

 4.6324, 2.8031,
5.2031

141.2391,
125.8433, 160.7832

 2.0658, 1.0298,
2.3061

175.7277,
158.4594, 200.1328

 0.6705, 0.0000,
0.7346

215.4179,

 0.0000, 0.0000,

196.2741, 245.4296

0.0000

260.6751,
239.6716, 297.0922

■ 34.0335, 27.2854,
38.5948

■ 34.0335, 27.2854,
38.5948

■ 31.3700, 22.8731,
34.8864

■ 37.1669, 32.5889,
42.6083

■ 29.1488, 19.2983,
31.4708

■ 40.7912, 38.8259,
46.9350

■ 27.3426, 16.5072,
28.3370

■ 44.9290, 46.0405,
51.5851

■ 25.9205, 14.4384,
25.4724

■ 49.6007, 54.2729,
56.5671

■ 24.8465, 13.0209,
22.8626

■ 54.8255, 63.5609,
61.8898

■ 24.0776, 12.1693,
20.4909

■ 60.6217, 73.9406,
67.5610

■ 23.7038, 11.8207,
19.1357

■ 67.0069, 85.4462,
73.5885

■ 68.4001, 86.9153,
78.1140

■ 69.2567, 87.2579,
82.6243

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2296, 27.2854, 51.0125



34.0335, 27.2854, 38.5948



34.5512, 27.2854, 26.3170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.0335, 27.2854, 38.5948



24.7208, 27.2854, 12.4896



20.2614, 27.2854, 46.3418

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.0335, 27.2854, 38.5948



30.8393, 41.3739, 33.1505

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.8837, 27.2854, 33.3810



34.0335, 27.2854, 38.5948



21.2736, 27.2854, 15.3563

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.0335, 27.2854, 38.5948



28.8749, 27.2854, 13.1930



19.2337, 27.2854, 22.3041



23.1998, 27.2854, 56.2437

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.0335, 27.2854, 38.5948



33.4818, 27.2854, 20.0379



19.2337, 27.2854, 22.3041



19.6153, 27.2854, 42.0783

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.0343, 27.2866, 38.5954



76.6028, 75.0057, 88.1239



27.4487, 23.6419, 49.5714



16.6419, 16.1220, 19.1479



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0343, 27.2866, 38.5954



57.8470, 43.0773, 64.6594



31.6020, 26.3137, 25.7868



9.2441, 9.1080, 10.6329



15.9835, 7.9672, 13.0659



0.5915, 0.2921, 0.6084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.0343, 27.2866, 38.5954



57.8470, 43.0773, 64.6594



33.5153, 42.4443, 47.2422



9.2441, 9.1080, 10.6329



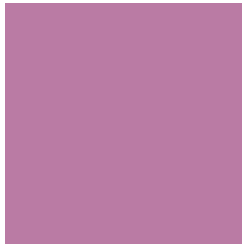
15.9835, 7.9672, 13.0659



0.5915, 0.2921, 0.6084

Previews

White Background



This preview shows how the XYZ color 34.0335, 27.2854, 38.5948 looks on a white background.

Color Contrast Check

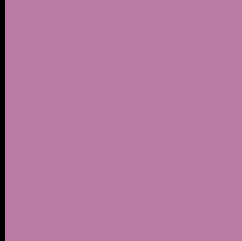
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 34.0335, 27.2854, 38.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

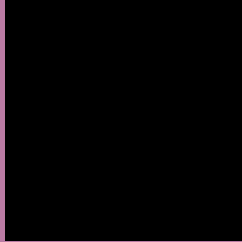
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0335, 27.2854, 38.5948

Background



This preview shows how black text looks on a background with the XYZ color 34.0335, 27.2854, 38.5948.



This preview shows how white text looks on a background with the XYZ color 34.0335, 27.2854,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.0335, 27.2854, 38.5948

Protanopia

27.5011, 27.6315, 44.9582

Deuteranopia

27.8784, 27.3343, 37.5249



Tritanopia

31.8351, 27.3406, 27.6441

Trichromacy



Original Color

34.0335, 27.2854, 38.5948

Protanomaly

29.4368, 27.1765, 42.7238

Deuteranomaly

29.8094, 27.0651, 37.8354

Tritanomaly

32.4945, 27.2186, 31.1448

Monochromacy



Original Color

34.0335, 27.2854, 38.5948

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.5362, 28.0539, 33.9952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0335, 27.2854, 38.5948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 123, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 123, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.0335, 27.2854, 38.5948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 123, 164) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(186, 123, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(186, 123, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 164);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0335, 27.2854, 38.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
123, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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